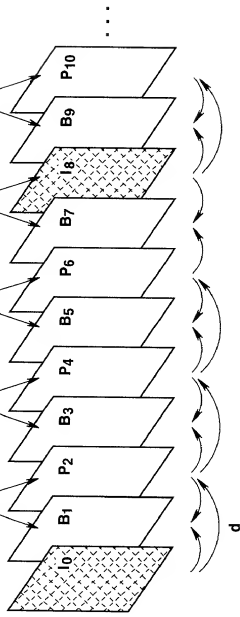


**FIG. 1A**



**FIG. 1B**



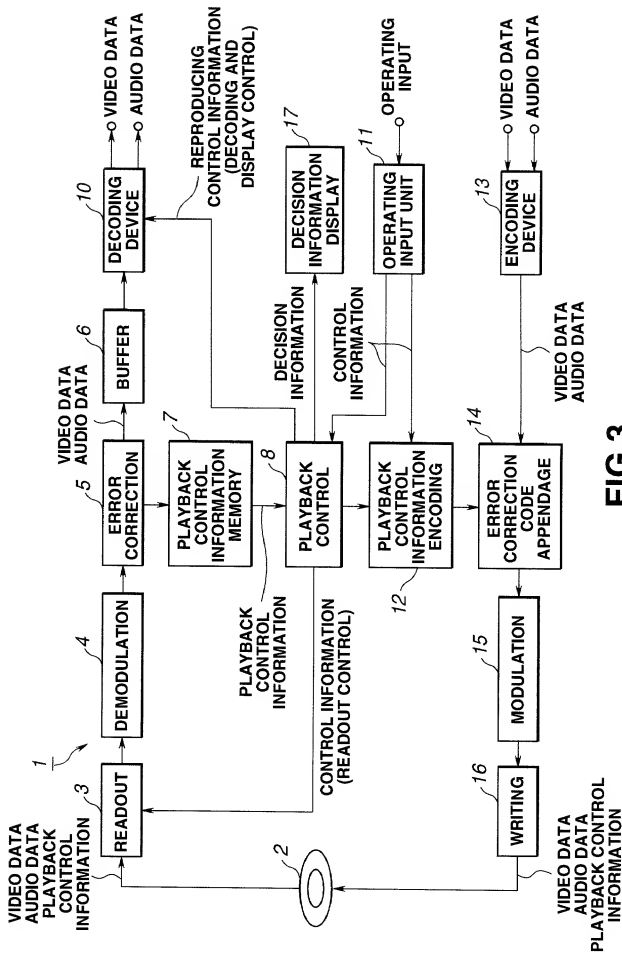


FIG.3

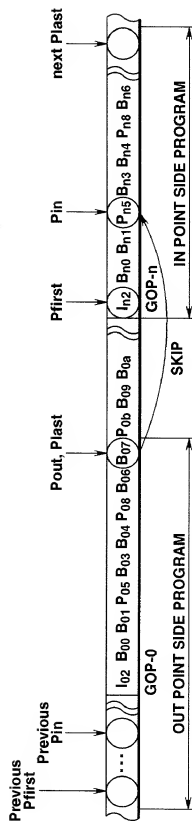
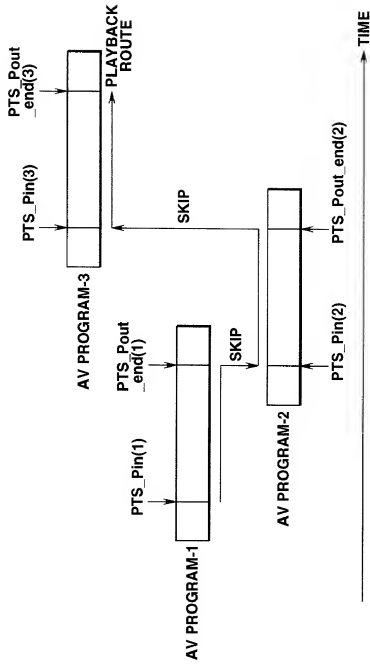


FIG.4



$$PTS\_Pin(2) = PTS\_Pout\_end(1) - STC\_offset(1)$$

$$STC\_offset(1) = PTS\_Pout\_end(1) - PTS\_Pin(2)$$

$$PTS\_Pin(3) = PTS\_Pout\_end(2) - STC\_offset(2)$$

$$STC\_offset(2) = PTS\_Pout\_end(2) - PTS\_Pin(3)$$

**FIG.5**

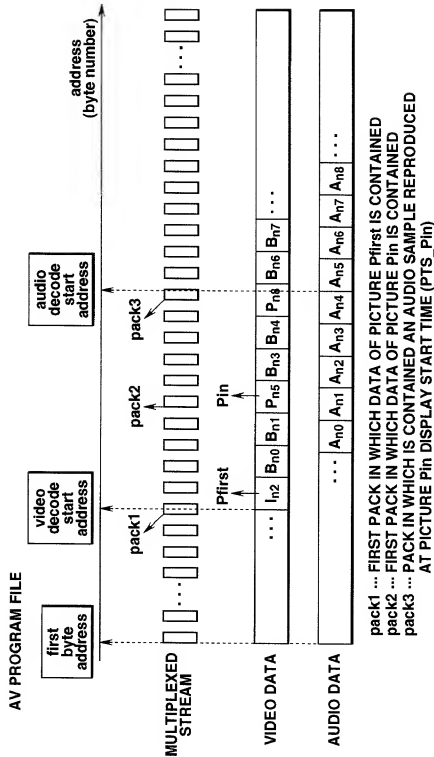


FIG.6

# AV PROGRAM FILE

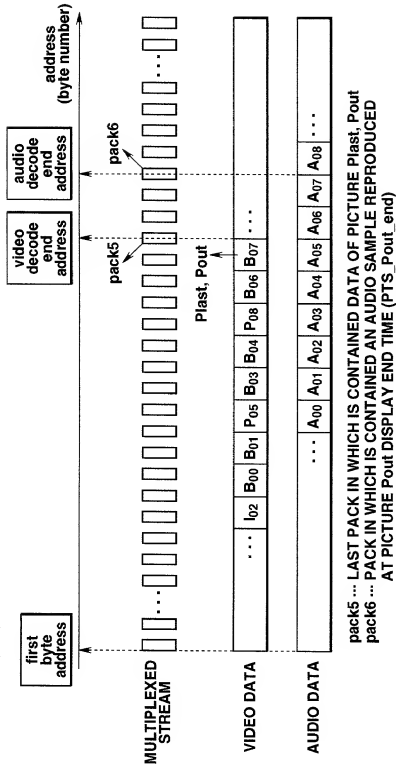
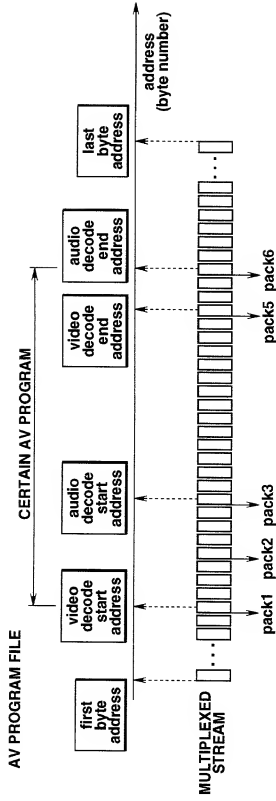


FIG. 7



pack1 ... FIRST PACK IN WHICH DATA OF PICTURE Pfirst IS CONTAINED  
 pack2 ... FIRST PACK IN WHICH DATA OF PICTURE Pin IS CONTAINED  
 pack3 ... PACK IN WHICH IS CONTAINED AN AUDIO SAMPLE REPRODUCED  
 AT PICTURE Pin DISPLAY START TIME (PTS\_Pin)  
 pack5 ... LAST PACK IN WHICH IS CONTAINED DATA OF PICTURE Plast  
 pack6 ... PACK IN WHICH IS CONTAINED AN AUDIO SAMPLE REPRODUCED  
 AT PICTURE Pout DISPLAY END TIME (PTS\_Pout\_end)

**FIG.8**



```

AV_program_File( ){
    do (
        pack( )
        while(nextbits( )==pack_start_code)
    )
}

```

```

pack( ) {
    pack_header( )
    PES_packet( )
}

```

```

PES_packet( ){
    packet_header( )
    PTS
    DTS
    packet_payload( )
}

```

**FIG.9**

AV program file  
(program stream file)

playback\_information\_file( ){

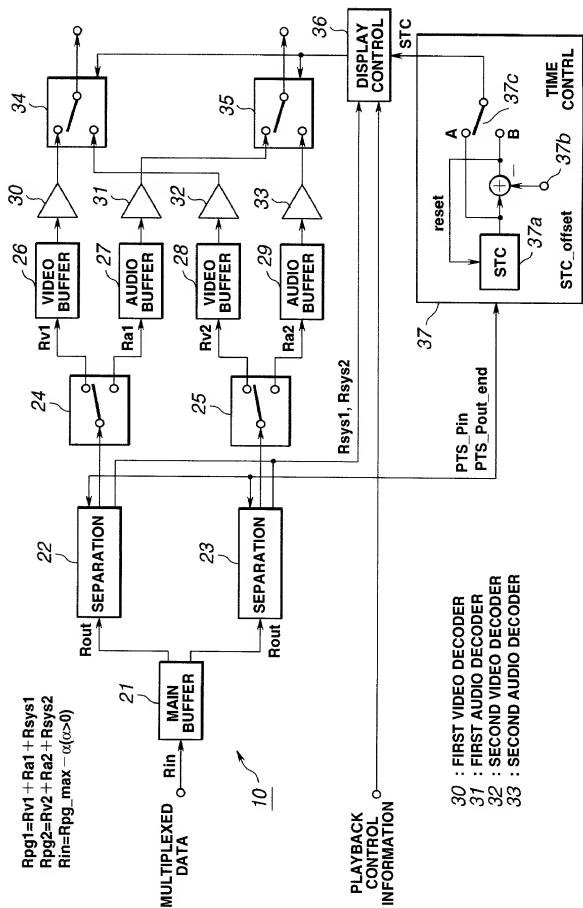
PTS\_Pin  
PTS\_Pout\_end  
video\_decode\_start\_address  
audio\_decode\_start\_address  
video\_decode\_end\_address  
audio\_decode\_end\_address

Pin\_index  
Pin\_type  
Plast\_index

Pin\_first\_field\_parity  
Pout\_last\_field\_parity

}

**FIG.10**



**FIG. 11**

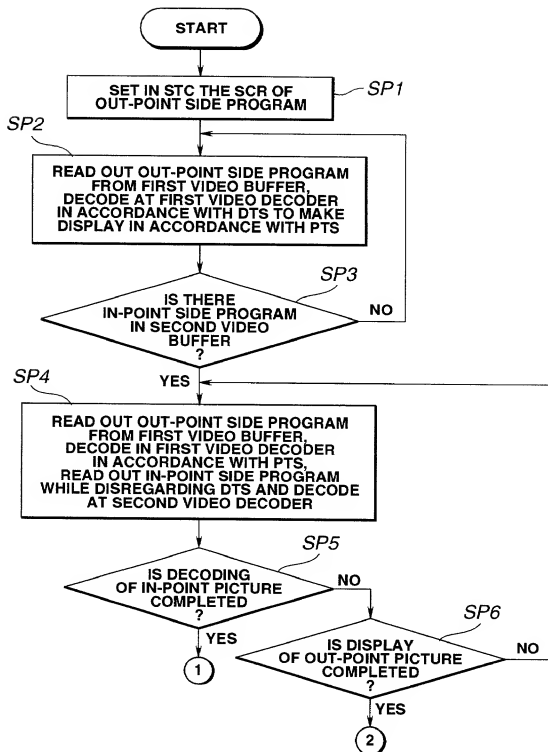


FIG.12

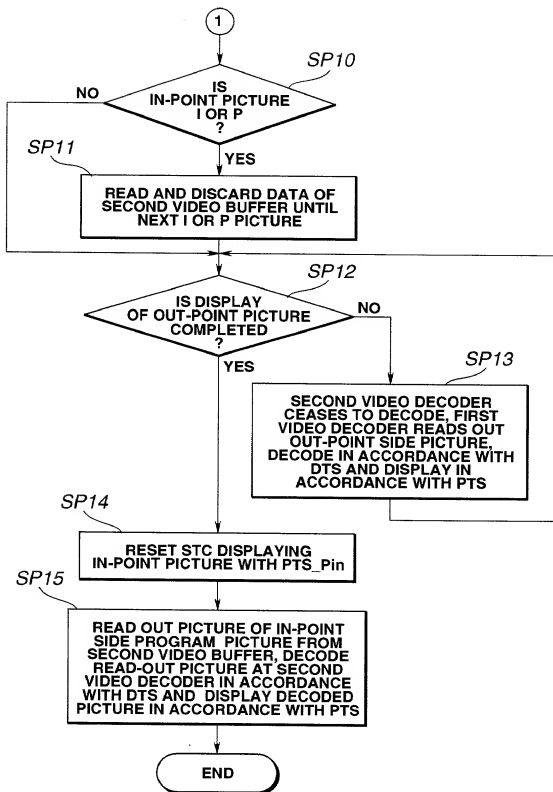
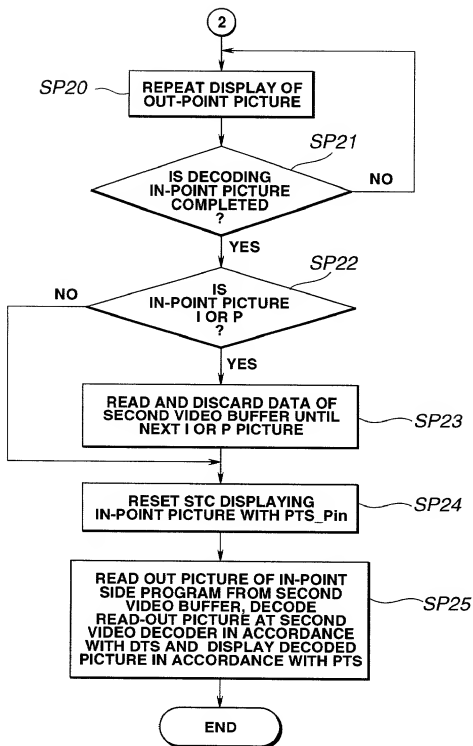


FIG.13



**FIG.14**

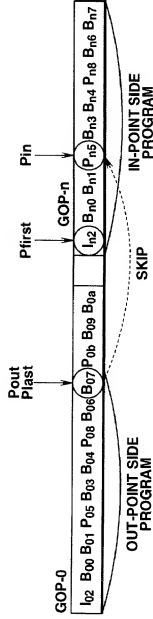


FIG. 15A

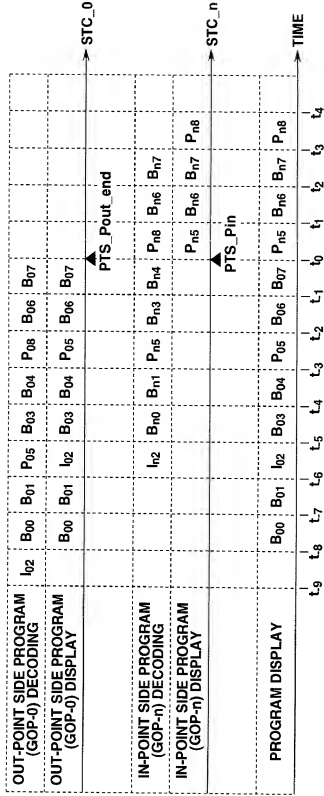


FIG. 15B

FIG. 15C

FIG. 15D

FIG. 15E

FIG. 15F

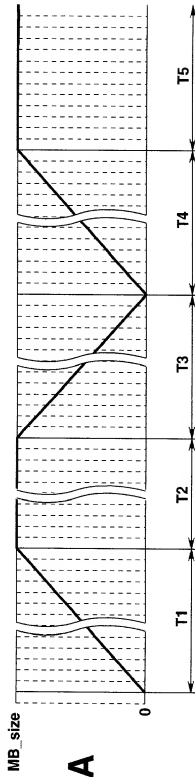


FIG. 16A

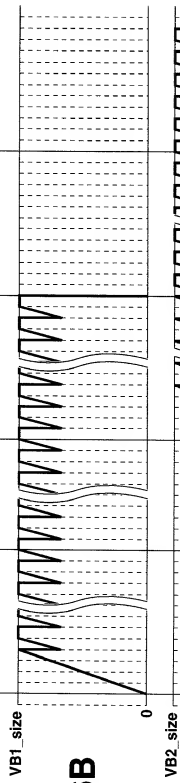


FIG. 16B

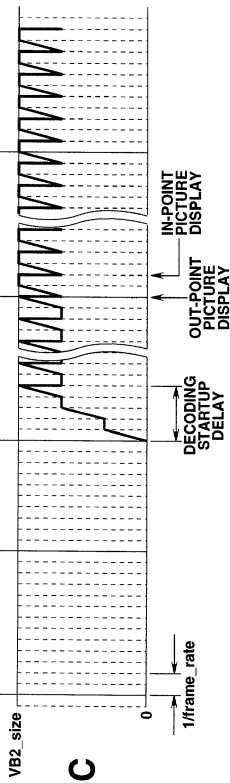


FIG. 16C

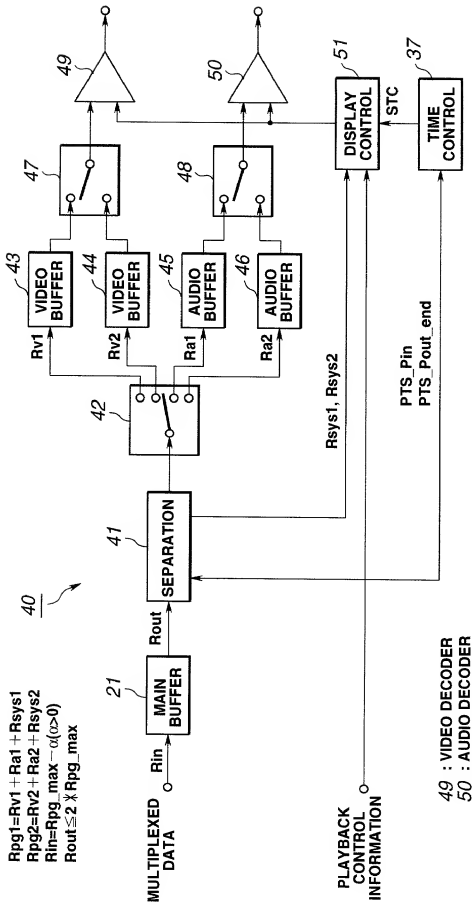


FIG.17



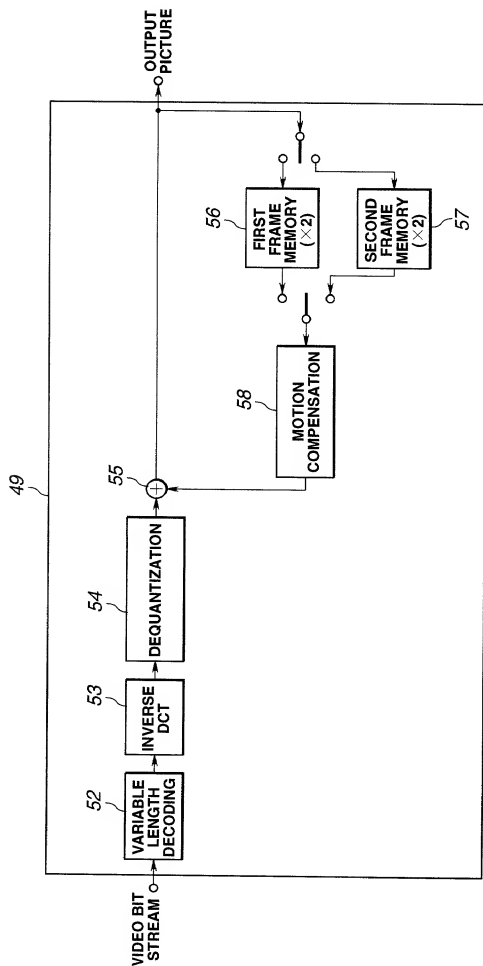


FIG.18

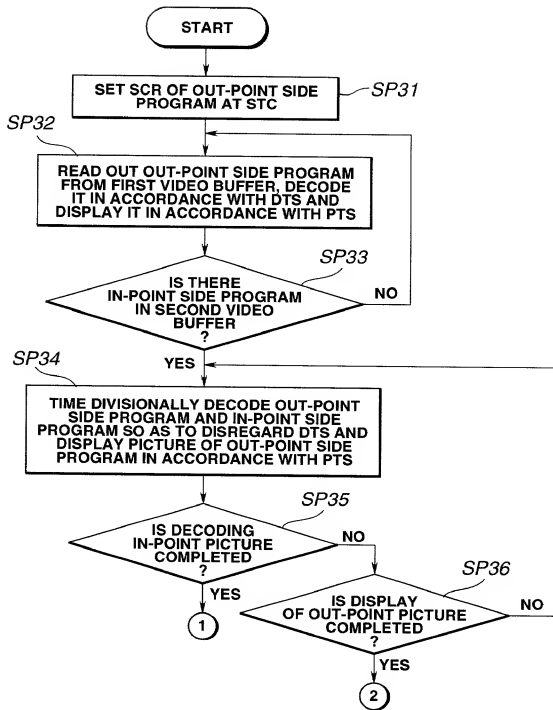


FIG.19

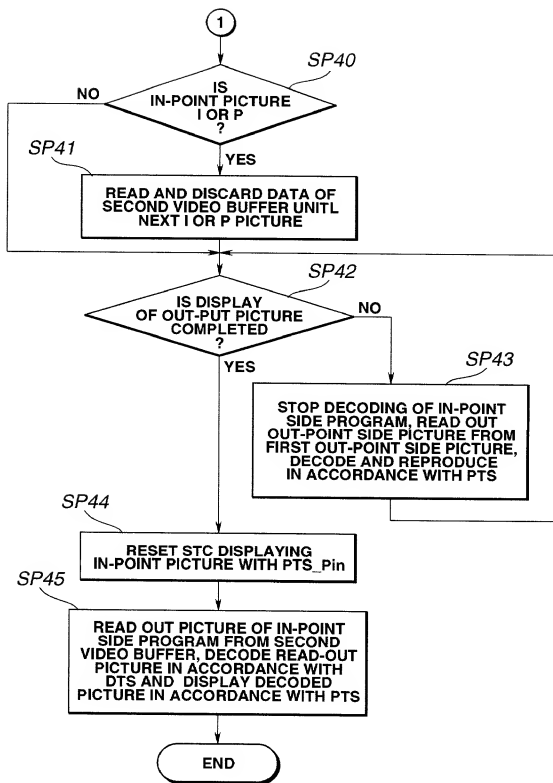


FIG.20

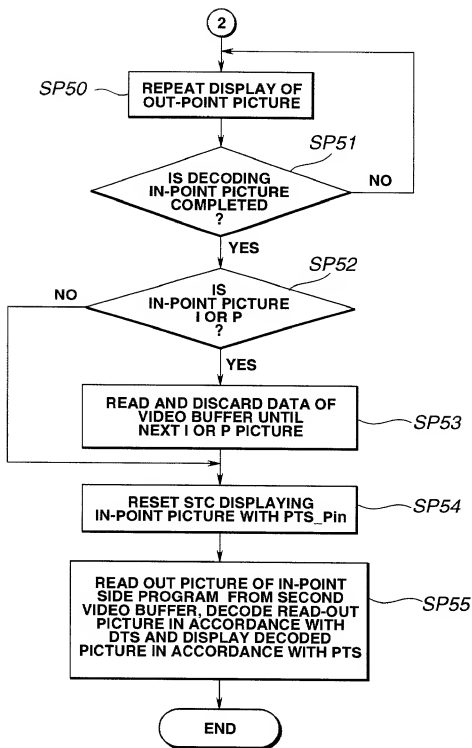


FIG.21

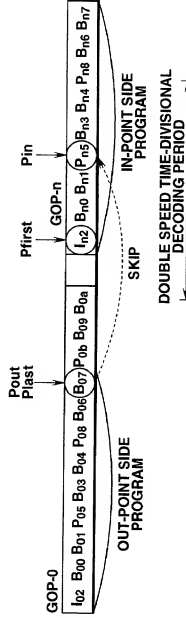


FIG. 22A

DOUBLE SPEED TIME-DIVISIONAL  
DECODING PERIOD

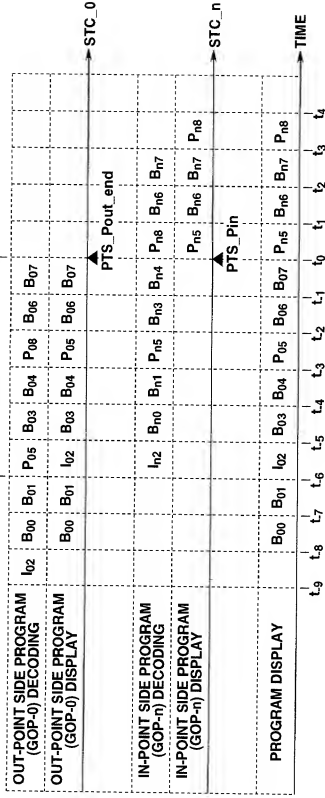
FIG. 22B

FIG. 22C

FIG. 22D

FIG. 22E

FIG. 22F



SWITCHING TIME FROM  
STC\_0 TO STC\_n  
(RESET STC AT PTS\_Pin)

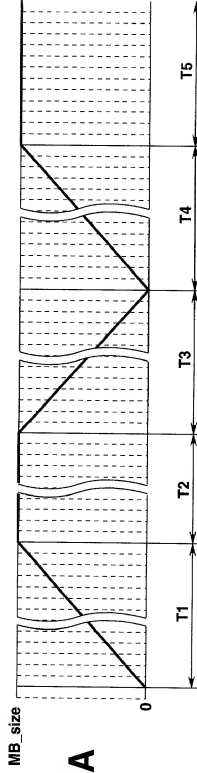


FIG. 23A

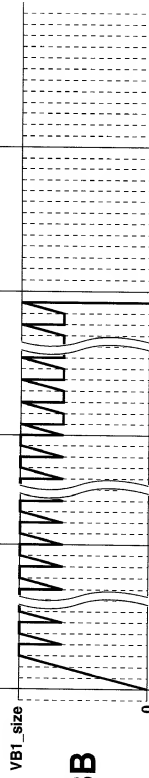


FIG. 23B

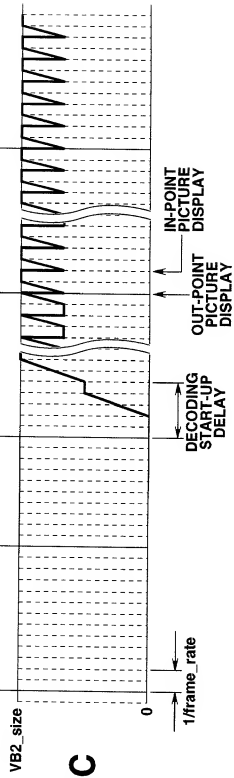


FIG. 23C

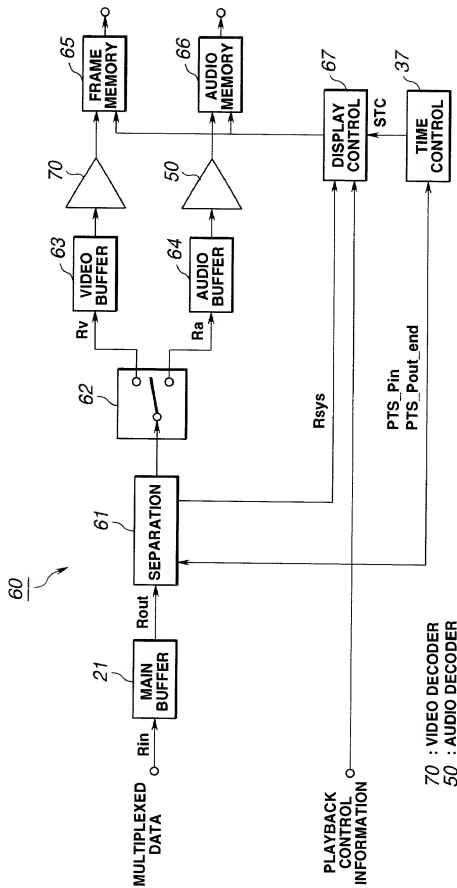
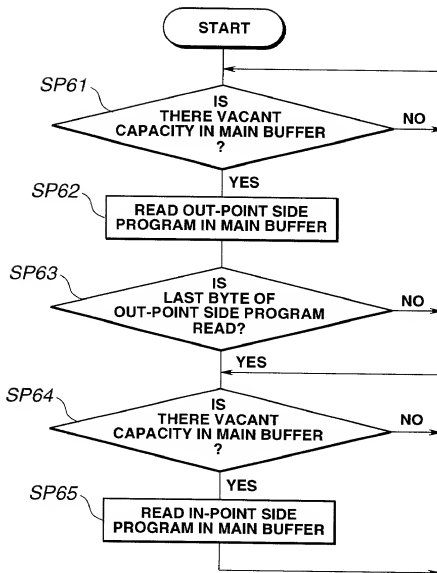
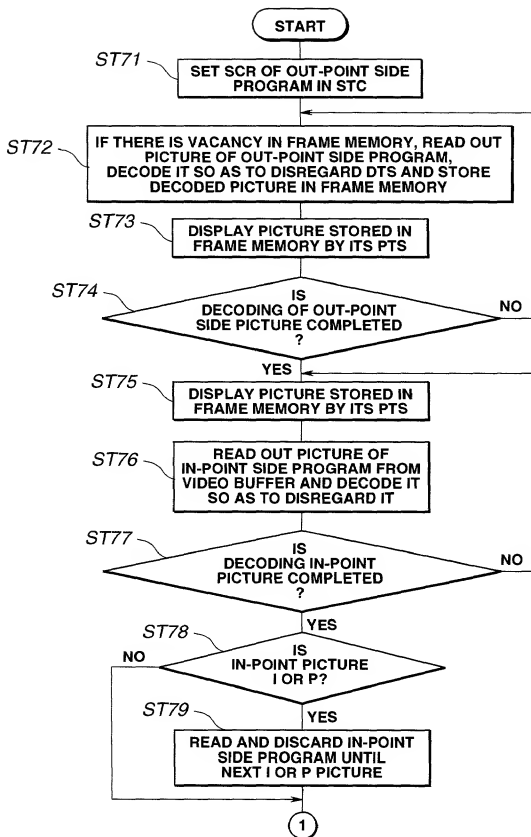


FIG.24

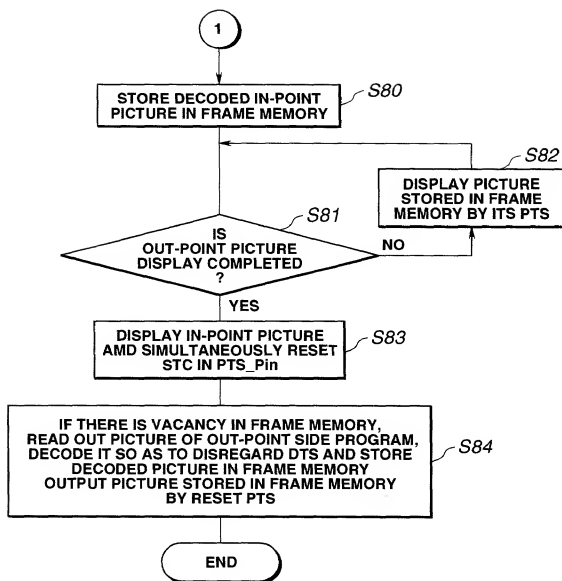


**FIG.25**





**FIG.26**



**FIG.27**

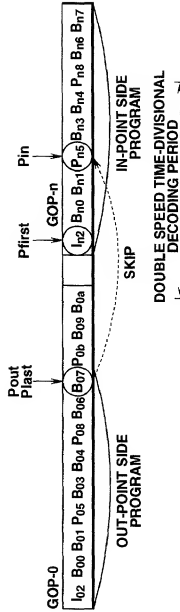


FIG. 28A

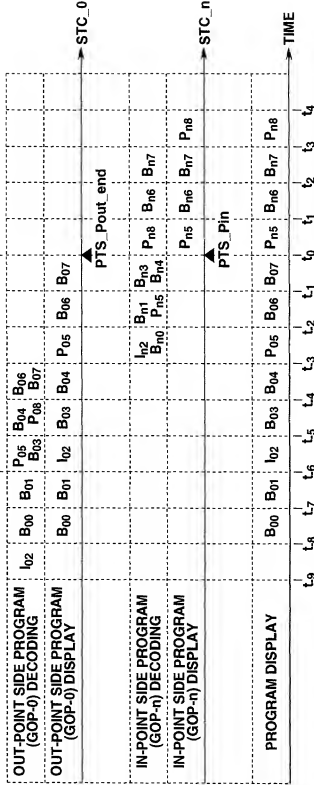


FIG. 28B

FIG. 28C

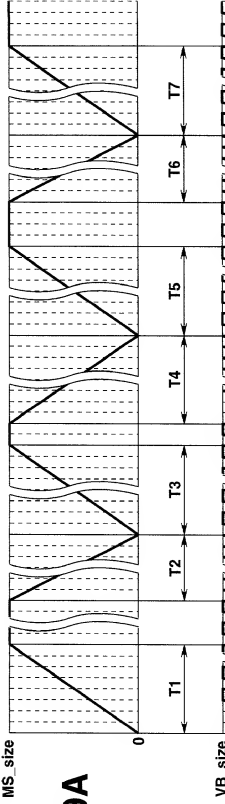
FIG. 28D

FIG. 28E

FIG. 28F

MS\_size

FIG.29A



VB\_size

FIG.29B

